

REMARKS

The present amendment is in response to the Office Action where the Examiner has rejected claims 1, 2 and 4-17 and 20, which includes two (2) independent claims 1 and 20. The Examiner considered Applicant's arguments persuasive with respect to the prior office action rejections. However, new grounds of rejection are made in view of the Bernard reference US4236125. By the present amendment, independent claims 1 and 20 are amended, and claims 21 and 22 are added for a total of nineteen (19) claims including the two independent claims.

**A. Claim Rejections under 35 USC 103(a)**

The Examiner rejects all of the pending claims as being unpatentable over Bernard (US4236125) in view of Nakamichi (EP0909024A2) or as being unpatentable over Bernard and Nakamichi in further view of Makino (US5945887). The Simmons (US3676803) reference was cited in a previous Office Action. In response, Applicant amends independent claims 1 and 20 to more precisely claim the embodiment of the isolator circuit as illustrated in Figure 5 of the specification.

The Examiner has cited a number of issued patents disclosing various configurations of isolator circuits. Applicant asserts that specific constructions of isolator circuits are patentable as illustrated by the number of patents that have issued that are drawn to isolator circuit configurations. As such, the tunable isolator circuits as claimed by Applicant in independent claims 1 and 20 are not taught by any of the cited (and previously cited) references, alone or in combination.

Specifically, Applicant claims in independent claim 1, among other things, "an isolation circuit coupled to the isolation port of the isolator, the isolation circuit comprising: a first tunable component coupled between the isolation port and a first connection point; a second tunable component coupled between the first connection point and the ground; a resistive element coupled between the first connection point

and the ground."

Similarly Applicant claims in independent claim 20, inter alia, "an isolation circuit coupled to the isolation port of the isolator comprising: a first isolation circuit tunable component coupled between the isolation port and a first connection point; a second isolation circuit tunable component coupled between the first connection point and the ground; a resistive element coupled between the first connection point and the ground."

Applicant asserts that the patents to Bernard, Makino, Simmons and Nakamichi do not teach isolator circuits which can be considered alone or in combination to arrive at Applicant's claimed invention without the use of impermissible hindsight. In Figure 1 of the Makino patent, a resistive element, a capacitive element and an inductive element are shown in parallel to ground on a third port. However, none of these elements are tunable, and the "first tunable component coupled between the isolation port and a first connection point" as claimed by Applicant is not taught or suggested.

Bernard does not cure this deficiency, among others, as a similar port path of Figure 5 illustrates a capacitive element in series with a parasitic inductance. Similarly, Simmons does not cure this basic deficiency. In Figure 2, Simons illustrates capacitors coupled to ground through diodes. Also, Nakamichi does not teach or suggest isolator circuit configurations and thus does not cure this basic deficiency. Thus, the configurations from these references, alone or in combination, do not result in the claimed invention. Therefore, the inventions claimed by Applicant in independent claims 1 and 20 are patentable over the cited art. The remaining claims are dependent upon patentable base claims. As such, Applicant respectfully requests that the Examiner issue a notice of allowance for the isolator circuit constructions as claimed by Applicant.

**B. Conclusion**

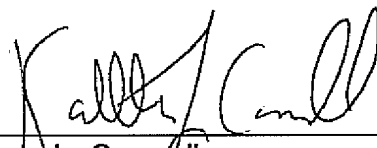
Applicant asserts that claims 1, 2, 4-17 and 20-22 are now patentable over the cited art under 35 U.S.C. 103(a) as discussed above. Thus, Applicant respectfully requests that the Examiner issue a notice of allowance for all of the now pending claims.

The fees for a one (1) month extension of time is filed herewith by EFS. The Director is authorized to charge any additional fee(s) or any underpayment of fee(s) or credit any overpayment(s) to Deposit Account No. 50-3001 of Kyocera Wireless Corp.

Should the Examiner believe that prosecution of this application might be expedited by further discussion of the issues, he is invited to telephone the attorney for Applicant at the telephone number listed below.

Respectfully submitted,

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